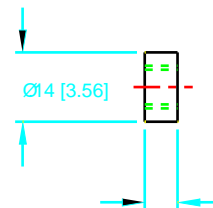
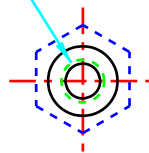


#2 - 56 UNC 2B



(.066 [1.68])

NOTES:

1. MAKE FROM A #2 - 56 UNC 2B NUT
2. THIS IS A ULTRA- HIGH VACUUM COMPONENT (UHV)
3. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
 - A) CIMCOOL 5 STAR 49
 - B) TRIM SOL
4. FINISHING: WHEN MACHINING VACUUM PARTS USE OF ABRASIVE PAPER OR SANDING DISCS, BUFFING OR POLISHING COMPOUNDS, OR RESIN-BONDED GRINDING WHEELS IS PROHIBITED
5. CLEANING: THE COMPONENT MUST BE CLEANED SUCH THAT A UHV PRESSURE OF 1×10^{-9} TORR CAN BE ACHIEVED
6. HANDLING: THE COMPONENTS SHALL BE HANDLED WITH WHITE SILK GLOVES AND WRAPPED WITH ALUMINUM FOIL TYPE DRY ANNEAL AND UNDER CLEAN ROOM CONDITIONS
7. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY

SCALE 4X

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION		MATERIAL / SPEC	QTY
PARTS LIST					
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		THIS DRAWING IS THE PROPERTY OF			
TOLERANCES		ARGONNE NATIONAL LABORATORY			
DECIMALS	ANGULAR	TITLE			
.X - .1 [2.5]	- 0°30'	ADVANCED PHOTON SOURCE			
.XX - .01 [0.25]		B2-20 APS FRONT END			
.XXX - .005 [0.13]		1 ST TRANSMITTING XBPM			
SURFACE ROUGHNESS 125		FOR 4-ID LOCKING NUT			
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.					
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1					
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5					
DO NOT SCALE DRAWING					
MATERIAL STAINLESS STEEL SEE NOTE #1		SCALE 1:1		SIZE B	DRAWING NUMBER B2-200006-00
		SHEET 14			

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				